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Arpad Benyi* (arpad.benyi@wwu.edu), 516 High St, Department of Mathematics, Western Washington University, Bellingham, WA 98225. *Schrödinger and wave multipliers on modulation spaces*. Preliminary report.

We investigate the boundedness of Schrödinger and wave multiplier operators on modulation spaces. In the proofs of our main results we combine methods from Littlewood-Paley theory and time-frequency analysis. This is joint work with K. Gröchenig and K. Okoudjou. (Received January 20, 2006)